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Brief update on the Navigation & Ecosystem Sustainability Program (NESP)

By Chuck Spitzack

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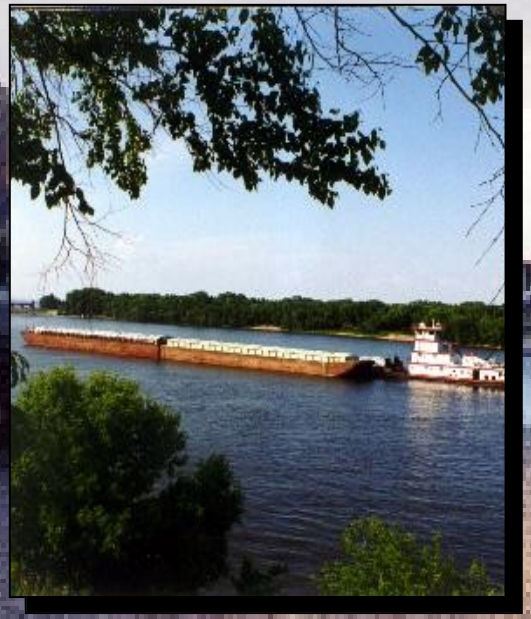
Navigation & Ecosystem Sustainability Program (NESP)



Navigation **Environment**

Comparable Progress

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First Increment Navigation Projects $2.21 Billion (Oct 2006)

- Mooring facilities @ Locks 12, 14, 18, 20, 22, 24 & LaGrange
- Switchboats @ Locks 20 through 25
- 1200’ chambers at Locks 20 - 25, LaGrange & Peoria
- Mitigation for incremental traffic effects
- Continued study & evaluation

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First Increment Ecosystem Restoration $1.717 Billion (Oct 2006)

- Fish passage @ Dams 4, 8, 22 & 26
- Changes in water control @ Dams 25 & 16
- Adaptive implementation of 225 small habitat projects
  - Island building
  - Water level management
  - Backwater/side channel restoration
  - Wing dam/dike alterations
  - Island shoreline protection
- 35,000 acres of floodplain restoration (willing sellers)
- Continued study & monitoring

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UMR-IWW Lock Plan

NEW 1200' Locks First Phase = $1.95 Billion (Oct 2006 price levels)

Measures	PED Start	Const. Start	Complete	Cost ($ Millions)
NEW UMR LOCKS				
Lock 22	2005	2010	2018	232.3
Lock 25	2005	2010	2019	324.4
Lock 24	2010	2014	2022	309.9
Lock 21	2010	2014	2022	322.5
Lock 20	2013	2017	2025	221.4
NEW IWW LOCKS				
LaGrange	2005	2012	2022	261.3
Peoria	2015	2018	2027	262.6

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FY 2009 - $50 Million Plan

- Program Management $ 1,500,000
- Navigation ($24,250,000)
  - Construction $ 5,600,000
  - E&D Small Scale & Mitigation $ 3,500,000
  - E&D Lock 22 $ 5,250,000
  - E&D Lock 25 $ 7,300,000
  - E&D LaGrange $ 2,600,000
- Ecosystem Restoration ($24,250,000)
  - Construction $10,600,000

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FY 2009 – Construction ($16.2 Million)

- Switchboats Stage 1
- Mooring Cells at Locks 14, La Grange
- Lock 22 – US Channel Alignment Dredging
- Environmental Mitigation
- Cultural - Erosion Protection – 3 Sites
- Forest – Reno Bottoms
- Water Level Management – Pool 18
- Side Channel Restoration – Buffalo Island
- Side Channel Restoration – Scheniman Chute
- Wing Dam Alteration – Herculaneum
- Wing Dam Alteration – Pool 2
- Bank Protection – Twin Island (IWW)

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NESP Implementation Measures of Success

Effective Partnership

Cost efficiency

Minimal disruption to navigation

Maximum economic & environmental benefits

NESP Implementation Factors for Success (15-Years)
($$ in Oct 2006)

- **Two or three year ramp up**
  - **1st year (2009) -- $ 50+ mil ($25 NAV and $25 ER)**
  - **2nd year (2010) – $ 65+ mil ($32.5 NAV and $32.5 ER)**
  - **3rd year (2011) -- $ 115+ mil (NAV and ER)**
- **Followed by reliable, ample & steady funding**
  - **Navigation Efficiency - $ 150,000,000 per year**
  - **Ecosystem Restoration - $ 115,000,000 per year**
- **Construction contracts that allow and reward contractor driven innovation and efficiencies**

Upper Mississippi River System

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To seek long-term sustainability of the economic uses and ecological integrity of the